



Bureau of Air Quality Synthetic Minor Construction Permit

**Plastic Omnium Auto Exteriors, LLC
310 Genoble Road
Greer, South Carolina 29651
Spartanburg County**

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5), 48-1-100(A), and 48-1-110(a), the 1976 Code of Laws of South Carolina, as amended, and South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards, the Bureau of Air Quality authorizes the construction of this facility and the equipment specified herein in accordance with the plans, specifications, and other information submitted in the construction permit application received on January 22, 2018, as amended. All official correspondence, plans, permit applications, and written statements are an integral part of the permit. Any false information or misrepresentation in the application for a construction permit may be grounds for permit revocation.

The construction and subsequent operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number: 2060-0531-CB
Issue Date: DATE

**Steve McCaslin, P. E., Director
Air Permitting Division
Bureau of Air Quality**

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 2 of 13

RECORD OF REVISIONS	
Date	Description of Changes
DATE	

DRAFT

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 3 of 13

A. PROJECT DESCRIPTION

Permission is hereby granted to construct a new paint line, designated as Paint Line 2 (PP2). The paint line is for the coating of plastic exterior parts (i.e. bumpers, fenders, and other exterior parts) for the automotive industry.

This synthetic minor construction permit also serves to revise the federally enforceable VOC PSD avoidance limit established in 2060-0531-CA to less than 250 tpy. The other federally enforceable limits established in 2060-0531-CA for Title V and MACT avoidance remain unchanged.

B.1 EQUIPMENT

Equipment ID	Equipment Description	Control Device ID	Emission Point ID
Paint Line 2 (PP2) consisting of the following components:			
1	CO ₂ Cleaning Booth 2	None	PP2-A
2	Flaming Booth 2	None	PP2-A
3	Primer Booth 2	PP2-WE-P PP2-RTO	PP2-RTO
4	Primer Flashoff Tunnel 2	PP2-RTO	PP2-RTO
5	Primer Oven 2	PP2-RTO	PP2-RTO PP2-B-1 PP2-B-2
6	Basecoat Booth 2	PP2-WE-BC PP2-RTO	PP2-RTO
7	Basecoat Flashoff Tunnel 2	PP2-RTO	PP2-RTO
8	Basecoat Oven 2	PP2-RTO	PP2-RTO PP2-C-1 PP2-C-2
9	Clearcoat Booth 2	PP2-WE-CC PP2-RTO	PP2-RTO
10	Clearcoat Flashoff Tunnel 2	PP2-RTO	PP2-RTO
11	Clearcoat Oven 2	PP2-RTO	PP2-RTO PP2-D-1 PP2-D-2
12	PP2 Fresh Air House Unit 1	None	PP2-A PP2-RTO
13	PP2 Fresh Air House Unit 2	None	PP2-E PP2-F
14	PP2 Storage & Mixing Rooms	None	PP2-E
15	PP2 Sludge Removal System	None	PP2-F
16	PP2 Purge Solvent Collection System	None	PP2-F

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 4 of 13

B.2 CONTROL DEVICES

Control Device ID	Control Device Description	Pollutant(s) Controlled
PP2-RTO	Regenerative Thermal Oxidizer (3.0 x 10 ⁶ Btu/hr, natural gas fuel)	VOC, HAP, TAP
PP2-WE-P	Wet Eliminator	PM, PM ₁₀ , PM _{2.5}
PP2-WE-BC	Wet Eliminator	PM, PM ₁₀ , PM _{2.5}
PP2-WE-CC	Wet Eliminator	PM, PM ₁₀ , PM _{2.5}

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
C.1	<p>Equipment ID: All Control Device ID: All</p> <p>(S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least 5 years from the date the record was generated and shall be made available to a Department representative upon request.</p>
C.2	<p>Equipment ID: Paint Line 2 (PP2) Control Device ID: PP2-RTO</p> <p>The owner/operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good engineering practices. The owner/operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.</p>
C.3	<p>Equipment ID: Paint Line 2 (PP2) Control Device ID: PP2-RTO</p> <p>All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., temperature) and inspection checks, as applicable, shall be maintained in logs (written or electronic),</p>

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 5 of 13

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	<p>along with any corrective action taken when deviations occur. Each incidence of operation less than the minimum operating temperature, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of the minimum operating temperature shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted annually. If no incidences occurred during the reporting period then a letter shall be submitted to indicate such.</p> <p>Any alternative method for monitoring control device performance must be preapproved by the Department and shall be incorporated into the permit as set forth in S.C. Regulation 61-62.1 Section II.</p>
C.4	<p>Equipment ID: Paint Line 2 (PP2), Equipment ID 3, 4, 5, 6, 7, 8, 9, 10, 11 Control Device ID: PP2-RTO</p> <p>For any source test required under an applicable standard or permit condition, the owner, operator, or representative shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests.</p> <p>Unless approved otherwise by the Department, the owner, operator, or representative shall ensure that source tests are conducted while the source is operating at the maximum expected production rate or other production rate or operating parameter which would result in the highest emissions for the pollutants being tested. Some sources may have to spike fuels or raw materials to avoid being subjected to a more restrictive feed or process rate. Any source test performed at a production rate less than the rated capacity may result in permit limits on emission rates, including limits on production if necessary.</p> <p>The owner or operator shall comply with any limits that result from conducting a source test at less than rated capacity. A copy of the most recent Department issued source test summary letter, whether it imposes a limit or not, shall be maintained with the operating permit, for each source that is required to conduct a source test.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality.</p>
C.5	<p>Facility-Wide (S.C. Regulation 61-62.1, Section II.G) This facility is a potential major source for VOC and HAP emissions. The facility has agreed to federally enforceable operating limitations to limit its potential to emit to less than 10 tons per year for any single HAP emission and 25 tons per year for any combination of HAP emissions and less than 100 tons per year for VOC emissions to avoid Title V and MACT applicability.</p> <p>(S.C. Regulation 61-62.1, Section II.E) This facility is a potential major source for VOC. The facility has agreed to federally enforceable operating limitations to limit its potential to emit to less than 250</p>

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 6 of 13

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	<p>tons per year for VOC emissions to avoid PSD applicability.</p> <p>The owner/operator shall maintain records of all VOC and HAP. These records shall include the total amount of each material used, the VOC content by weight of each material, the HAP content by weight of each material, and any other records necessary to determine VOC and HAP emissions. Total facility-wide VOC and HAP emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total VOC and HAP emissions. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 100 tons of VOC, less than 10 tons of any single HAP, and less than 25 tons of combined total HAP. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted annually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.</p>
C.6	<p>Equipment ID: Paint Line 2 (PP2), Equipment ID 3, 4, 5, 6, 7, 8, 9, 10, 11 Control Device ID: PP2-RTO</p> <p>(PP2-RTO) An initial source test to verify VOC emissions, destruction removal efficiency (DRE) and, establish the minimum operating temperature of the regenerative thermal oxidizer shall be conducted within 180 days after startup. Subsequent source test may be required pending results of the initial source test.</p> <p>(PP2-RTO) The minimum operating temperature of the regenerative thermal oxidizer shall be established to ensure proper operation of the pollution control equipment. The minimum operating temperature shall be derived from stack test data, which demonstrate the proper operation of the equipment. Prior to the initial source test, the facility shall use manufacturer's recommendations. The manufacturer's recommendations must be maintained on site. The minimum operating temperature and stack test results shall be submitted to the Director of Engineering Services when the final test report is due. Minimum operating temperature may be updated following submittal to the Department.</p> <p>(PP2-RTO) The owner/operator shall install, operate and maintain combustion zone and/or afterburner temperature indicators on the regenerative thermal oxidizer. Temperature readings shall be recorded at least every fifteen (15) minutes when processes controlled by the regenerative thermal oxidizer are operating. Maintenance checks for proper temperature indicator operation shall be made on at least an annual basis. The regenerative thermal oxidizer shall be in place and operational whenever processes controlled by it are running, except during periods of regenerative thermal oxidizer malfunction or mechanical failure.</p>

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 7 of 13

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
C.7	<p>Equipment ID: Paint Line 2 (PP2): 5, 8, 11 (burners)</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section I) The fuel burning source(s) shall not discharge into the ambient air smoke which exceeds an opacity of 20% (each). The opacity standards set forth above do not apply during startup or shutdown. The owner/operator shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions.</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from these sources is 0.6 pounds per million BTU input (each).</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable discharge of sulfur dioxide (SO₂) resulting from these sources is 2.3pounds per million BTU input (each).</p> <p>These sources are permitted to burn only natural gas as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p>
C.8	<p>Equipment ID: PP2-RTO which is the control device for the Paint Line 2 (PP2)</p> <p>(S.C. Regulation 61-62.5, Standard No. 3, Section III.I.1) The opacity of the PP2-RTO shall not exceed 20 percent.</p> <p>(S.C. Regulation 61-62.5, Standard No. 3, Section III.I.2) The particulate matter emissions from the PP2-RTO shall not exceed 0.5 lbs/10⁶ Btu total heat input. The total heat input value from waste and virgin fuel used for production shall not exceed the Btus used to affect the combustion of the waste and shall not include any Btu input from auxiliary burners located outside of the primary combustion chamber such as those found in secondary combustion chambers, tertiary combustion chambers or afterburners unless those auxiliary burners are fired with waste. In the case where waste is fired in the auxiliary burners located outside of the primary combustion chamber, only the Btu value of the fuel for the auxiliary burner which is from waste shall be added to the total heat input value.</p> <p>The PP2-RTO is permitted to burn only natural gas and VOC waste streams from Paint Line 2 (PP2) as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p>
C.9	<p>Equipment ID: Paint Line 2 (PP2): 2, 3, 6, 9, 12, 13 Control Device ID: PP2-WE-P, PP2-WE-BC, PP2-WE-CC</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations: For process weight rates less than or equal to 30 tons per hour</p>

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 8 of 13

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions				
	<p align="center"> $E = (F) 4.10P^{0.67}$ and For process weight rates greater than 30 tons per hour $E = (F) 55.0P^{0.11} - 40$ Where E = the allowable emission rate in pounds per hour P = process weight rate in tons per hour F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4 </p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" data-bbox="503 730 1299 844"> <thead> <tr> <th>Process</th><th>Max. Process Rate (ton/hr)</th></tr> </thead> <tbody> <tr> <td>Paint Line 2</td><td>1.06</td></tr> </tbody> </table> <p>The Wet Eliminators shall be in place and operational whenever processes controlled by the Wet Eliminators are running, except during periods of wet eliminator malfunction or mechanical failure.</p> <p>The permittee shall implement a program for routine inspection and subsequent maintenance on all air pollution control equipment including duct work, piping, or any other materials pertaining to material transport or storage where there is potential for generation or release of regulated air pollutants. Maintenance events shall be recorded in a permanent form suitable and available for inspection by representatives of this Department. These records shall be retained for at least five years following the date of such maintenance. A reasonable inventory of routine replacement items shall be kept on site to facilitate timely repair of any malfunctioning systems.</p>	Process	Max. Process Rate (ton/hr)	Paint Line 2	1.06
Process	Max. Process Rate (ton/hr)				
Paint Line 2	1.06				
C.10	<p>Equipment ID: Paint Line 2 (PP2): 1, 2, 3, 4, 6, 7, 9, 10, 12, 13, 14, 15, 16 Control Device ID: PP2-WE-P, PP2-WE-BC, PP2-WE-CC</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from this source (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.</p> <p>Equipment ID 2: This source is permitted to burn only propane as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p> <p>Equipment IDs 12, 13: These sources are permitted to burn only natural gas as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p>				

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY - RESERVED

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 9 of 13

E. NESHAP – CONDITIONS - RESERVED

F. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Conditions
F.1	<p>Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p>

G. PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the startup date of the source)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 July 30 October 30 January 30
Semiannual	January-June April-September July-December October-March	July 30 October 30 January 30 April 30

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 10 of 13

G. PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the startup date of the source)	Report Due Date
Annual	January-December April-March July-June October-September	January 30 April 30 July 30 October 30
Note: This reporting schedule does not supersede any federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All federal reports must meet the reporting time frames specified in the federal standard unless the Department or EPA approves a change.		

H. REPORTING CONDITIONS

Condition Number	Conditions
H.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Periodic Reporting Schedule of this permit.
H.2	All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: 2600 Bull Street Columbia, SC 29201 The contact information for the local Environmental Affairs Regional office can be found at: http://www.scdhec.gov
H.3	The owner/operator shall submit written notification to the Director of Air Permitting of the date construction is commenced, postmarked within 30 days after such date.
H.4	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality.
H.5	(S.C. Regulation 61-62.1, Section II.J) For sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Affairs Regional office within 24 hours after the beginning of the occurrence. The owner/operator shall also submit a written report within 30 days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality and shall include, at a minimum, the following: <ol style="list-style-type: none">1. The identity of the stack and/or emission point where the excess emissions occurred;2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions;3. The time and duration of excess emissions;4. The identity of the equipment causing the excess emissions;

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 11 of 13

H. REPORTING CONDITIONS

Condition Number	Conditions
	<ul style="list-style-type: none">5. The nature and cause of such excess emissions;6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;7. The steps taken to limit the excess emissions; and,8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

I. PERMIT EXPIRATION AND EXTENSION

Condition Number	Conditions
I.1	(S.C. Regulation 61-62.1, Section II.A.4) Approval to construct shall become invalid if construction: <ul style="list-style-type: none">a. is not commenced within 18 months after receipt of such approval;b. is discontinued for a period of 18 months or more; orc. is not completed within a reasonable time as deemed by the Department. The Department may extend the construction permit for an additional 18-month period upon a satisfactory showing that an extension is justified. This request must be made prior to the permit expiration.
I.2	This provision does not apply to the time period between construction of the approved phases of a phased construction project; each phase must commence construction within 18 months of the projected and approved commencement date.

J. PERMIT TO OPERATE

Condition Number	Conditions
J.1	(S.C. Regulation 61-62.1 Section II.F.2) The owner/operator or professional engineer in charge of the project shall certify that, to the best of his/her knowledge and belief and as a result of periodic observation during construction, the construction under application has been completed in accordance with the specifications agreed upon in the construction permit issued by the Department.
J.2	If construction is certified as provided in S.C. Regulation 61-62.1 Section II.F.2, the owner or operator, may operate the source in compliance with the terms and conditions of the construction permit until the operating permit is issued by the Department.
J.3	If construction is not built as specified in the permit application and associated construction permit(s), the owner/operator must submit to the Department a complete description of modifications that are at variance with the documentation of the construction permitting determination prior to commencing operation.

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 12 of 13

J. PERMIT TO OPERATE

Condition Number	Conditions
	Construction variances that would trigger additional requirements that have not been addressed prior to start of operation shall be considered construction without a permit.
J.4	<p>(S.C. Regulation 61-62.1, Section II.F.3) The owner or operator shall submit a written request to the Director of Air Permitting for a new or revised operating permit to cover any new or altered source postmarked within 15 days after the actual date of initial startup of each new or altered source.</p> <p>The written request for a new or revised operating permit must include, as a minimum, the following information:</p> <ol style="list-style-type: none">A list of sources that were placed into operation.The actual date of initial startup of each new or altered source.

K. GENERAL CONDITIONS

Condition Number	Conditions
K.1	The permittee shall pay permit fees to the Department in accordance with the requirements of S.C. Regulation 61-30, Environmental Protection Fees.
K.2	<p>In the event of an emergency, as defined in S.C. Regulation 61-62.1, Section II.L, the owner or operator may document an emergency situation through properly signed, contemporaneous operating logs, and other relevant evidence that verify:</p> <ol style="list-style-type: none">1. An emergency occurred, and the owner or operator can identify the cause(s) of the emergency;2. The permitted source was at the time the emergency occurred being properly operated;3. During the period of the emergency, the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and4. The owner or operator gave a verbal notification of the emergency to the Department within 24 hours of the time when emission limitations were exceeded, followed by a written report within 30 days. The written report shall include, at a minimum, the information required by S.C. Regulation 61-62.1, Section II.J.1.c.i through viii. The written report shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. <p>This provision is in addition to any emergency or upset provision contained in any applicable requirement.</p>
K.3	<p>(S.C. Regulation 61-62.1, Section II.O) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none">1. Enter the facility where emissions-related activity is conducted, or where records must be kept under the conditions of the permit.2. Have access to and copy, at reasonable times, any records that must be kept under the

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 13 of 13

K. GENERAL CONDITIONS

Condition Number	Conditions
	<p>conditions of the permit.</p> <ol style="list-style-type: none">3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.4. As authorized by the Federal Clean Air Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

L. EMISSIONS INVENTORY REPORTS - RESERVED

ATTACHMENT - Emission Rates for Ambient Air Standards

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 1 of 2

The emission rates listed herein are not considered enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS – STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
Fugitive	1.82	1.82	1.36	20.68	4.51	3.90E-07
PP1-A-2	0.056	0.056	0.0044	0.74	0.62	3.68E-06
PP1-B	0.031	0.031	0.0024	0.40	0.34	2.01E-06
PP1-C	0.056	0.056	0.021	0.78	0.62	3.19E-06
PP1-D	0.042	0.042	0.0033	0.55	0.47	2.77E-06
PP1-E	0.024	0.024	0.0019	0.31	0.26	1.57E-06
PP1-F	0.042	0.042	0.0034	0.56	0.47	2.79E-06
PP1-G	0.039	0.039	0.0031	0.51	0.43	2.55E-06
PP1-H	0.019	0.019	0.0015	0.25	0.21	1.23E-06
PP1-RTO	0.095	0.095	0.0024	0.39	0.33	1.96E-06
PP2-A	0.046	0.046	0.0074	0.62	0.51	2.94E-06
PP2-B	0.015	0.015	0.0012	0.20	0.16	9.80E-07
PP2-C	0.015	0.015	0.0012	0.20	0.16	9.80E-07
PP2-D	0.015	0.015	0.0012	0.20	0.16	9.80E-07
PP2-E	0.0093	0.0093	0.0007	0.12	0.10	6.13E-07
PP2-RTO	0.063	0.063	0.0018	0.29	0.25	1.47E-06

TOXIC AIR POLLUTANTS – STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Acetaldehyde	Acrolein	Acrylic Acid	Cumene
	75-07-0	107-02-8	79-10-7	98-82-8
PP1-G	--	--	--	0.014
PP1-H	--	--	--	0.0035
PP1-RTO	--	--	--	0.0278
PP2-E	--	--	--	0.0050
PP2-F	--	--	--	0.0012
PP2-RTO	--	--	--	0.0099
Fugitive emissions	0.0029	0.00024	0.00063	--

ATTACHMENT - Emission Rates for Ambient Air Standards

Plastic Omnium Auto Exteriors, LLC

2060-0531-CB

Page 2 of 2

TOXIC AIR POLLUTANTS – STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Ethyl Benzene	Formaldehyde	Formic Acid	Glycol Ethers
	100-41-4	50-00-0	64-18-6	N/A
PP1-G	0.028	--	--	0.91
PP1-H	0.0070	--	--	0.22
PP1-RTO	0.056	--	--	1.79
PP2-E	0.010	--	--	0.53
PP2-F	0.0025	--	--	0.13
PP2-RTO	0.020	--	--	1.04
Fugitive emissions	0.0039	0.0034	0.0016	0.13

TOXIC AIR POLLUTANTS – STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Hexane	Methyl Ethyl Ketone	Propionaldehyde	Toluene
	110-54-3	78-93-3	123-38-6	108-88-3
PP1-G	--	--	--	--
PP1-H	--	--	--	--
PP1-RTO	--	--	--	--
PP2-E	--	--	--	--
PP2-F	--	--	--	--
PP2-RTO	--	--	--	--
Fugitive emissions	0.0056	0.00032	0.0075	0.0045

TOXIC AIR POLLUTANTS – STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Xylene	--	--	--
	1330-20-7	--	--	--
PP1-G	0.090	--	--	--
PP1-H	0.022	--	--	--
PP1-RTO	0.18	--	--	--
PP2-E	0.033	--	--	--
PP2-F	0.0082	--	--	--
PP2-RTO	0.065	--	--	--
Fugitive emissions	0.0083	--	--	--